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Gendern version 5,1,3
Copyright (c) 1993 - 2003 Fempagen 1.1d
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OM protein - protein search, using sw model

January 16, 2003, 16:43:32 ; Scarch time 13 3714 Seconds Pun on:

(without alignments) 28.606 Million cell updates/sec

1 KEELMLRLODYRE 13 US-09-856-070-19 65 Perfect score: sednence:

Gapop 10 0 , Gapext 0 5 PLOSTIM52 Scoring table:

262574 seqs, 29122922 residues Searched:

Total number of hits satisfying chosen parameters:

Minimum DB seq length: 0 Maximum DB seq length: 2000000000

Post processing: Minimum Match 10% Maximum Match 100% Listing first 45 summaries

Database :

Issued_Patents_AA:*

/ggn2_6/ptodata/2/jaa/5A_COMB.pcp.*
/yn2_6/ptodata/2/jaa/5H_COMB.pcp.*
/cgn2_6/ptodata/2/jaa/6A_COMB.pcp.*
/cgn2_6/ptodata/2/jaa/FR_COMB.pcp.*
/cgn2_6/ptodata/2/jaa/PcTTS_COMB.pcp.*
/cgn2_6/ptodata/2/jaa/PcTTS_COMB.pcp.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

. CN	Score	Query Match	Length	DB	ID	Description	
-	65	100.0	586	. 4	US-09-040-725A-1	Sequence 1. Appli	
C	39	60.0	357	ьņ	FCT US91-06899-14	=	
ĸ	39	0.09	405	П	US-07-914-281.8	œ	
4	39	0 0)	405	7	US 08 393.246.8	ω,	
เก	36	60.0	405	-	US-08-525-058A-8	æ	
¥	34	60 n	405	~	US-08-483-151-4	4	
7	3.6	60.0	405	7	US-08-696-731-8	8	
8 0	35		405	4	11S-04-042-531-8	Sequence 8, Appli	
5	3.7	56.9	₹9	4	US-09-808 428A 6	1	
10	3.7	56.9	63	4	US-09-006-428A-7	7	
11	37	56.9	1151	٠~,	TIS OR 840-006-6	٠	
12	37	56 9	1200	œ	115-08-840-006-5	Sequence 5 Appli	
13	36 5		51.17	÷	0.5 87.60 - 689 - 60 - SU	- 3	
1,4	36.5	56.2	549	_	-354	Sequence 2, Appli	
15	36.5	56.2	00.0	_	US-08-354-240A 4	=	
16		C#	C u u	_	US 08 354-240A 6	j	
17	36.5	56.2	ר, ה ה	~.	115-08-867 352-23	Sequence 23, Appl	
18		56.2	010 010	4	-718-	ci	
19		56.2	C: U	7	US-08 718-425-5	ผา	
50		56.2	55.0	4	088-60-	9	
2	36.5	56.2	550	7	US 09-380-0618 21	23	
CI CI	36.5	56.2	0000	÷	7	2	
53	36.5	56.2	ca un un	١~)	-09-111	Sequence 5, Appli	
24	36.5	26.2	561	c a	08 4	œ	
25	36 5	5.6	₹. - -	-	0.80-08-755-8500-3	Sequence 9, Appli	
26	36.5	C+	1242	↔	189.2	cì	
27	36	55.4	3.1	œ	18-08-556-419-25	Sequence 25, Appl	

: 1755 Jefferson bavis Highway, Suite 400 Ailington Virginia

STAIE. VII.

ADDRESSEE.

STREET:

Sequence 3,	Sequence 1,	Sequence 3,	Sequence 1,								Sequence 3, Appli						
US-08-928-442-3	US-08-928-442-1	US 08-938 105 3	US-09-310-187A-1	US-09-380-061B-1	US-U8-487-183A 1	US-08-743 200 2	US-09-460-145 D	US-09-460-145-4	US-08-827-208-3	US-09-500-358-3	US-09-498-809-3	US 08 056 200-94	US-08-800-644-94	US-09-109-100-5(US 08 759 628-10	5254534-3	US 07 - 745 382 24
384 4	395 4	1886 4	1636 4	548 4	548 4	105 2	778 1	797 4	913 3	913 4	913 4	1898 1	1898 2	149 4	784	214 6	5.53
55.4	55.4	55.4	55.4	54.6	54.6	53.8	a) (C)	53.8	3 - E-C	53.8	53.8	53.8	53.8	53.1	53.1	53.1	53
36	36	4:	36	35.5	35.5	35	ы: С:	35	и : 7-	35	35	35	35	34.5	34.5	34.5	31.5
28	53	Ş	31	3.2	33	34	L":	36	47	8.9	39	40	41	4.2	E 44	44	4.5

ALIGNMENTS

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O
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                                                                                                                                                                                                                                                                                                        CURKENI APPLICATION NUMBER: US/09/040,725A CURRENI FILING DATE: 1998-03-18 NUMBER OF SEQ ID NOS: 4.8 SOFTWARE: PALENLIN VEY: 2.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Separate 14, Application PC/1054] onwas General Information:
                                         : Sequence 1, Application US/09040725A
; Patent No. 6399584
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Louvard, Eaniel
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                                                                                                          Institut Curie
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CORRESPONDENCE ADDRESS:
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Hos 13, Conserv
                                                                                     GENERAL INFORMATION:
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                       US-09-040-725A-1
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RESULT 1
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RESULT 4
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THILE OF INVENTION: OF OLGOSACCHARIDE STRUCTURES ON GLYCORROTEINS,
TITLE OF INVENTION: GLYCOLIPLIS, OR AS FREE MOLECULES, AND FOR THE ISOLATION
TITLE OF INVENTION: OF CLONED GENETIC SEQUENCES THAT DETERMINE THESE STEWLYD
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   2; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1755 Jefferson Davis Highway, Fourth Floor
                                IBM PC compatible
SYSTEM: PC-DOS/MS-DOS
Patentin Release #1.0, Version #1.25
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                                                                                                                                                                                                                                                 REFERENCE/TOCKET NUMBER: 2363-021-55 PCT
TELECOMMUNICATION INFORMATION:
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TELECOMMUNICATION INFORMATION:
                                                                                                                   APPLICATION NUMBER: PCFZUS91/00899
FILING DATE: 19910214
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER: US/07/914,281
FILING DATE: 19920720
                                                                                                                                                                              ATTORREY/AGENT INFORMATION:
NAME: Lavalleye Ph.D., Jean-Paul
REGISTRATION NUMBER: 31,451
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NAME: Lavalleye, Jean-Paul M. P. REGISTRATION NUMBER: 31,451
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Patent No. 5324663
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COMPUTER: IBM PC compatible
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TELEEX: 248855 OPAT UR
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                          (703)521-5940
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                   Floppy disk
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                                                                                                                                                                                                                                                                                                                                                                                                457 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                   MOLECULE TYPE: protein
FRAGMENT TYPE: C-terminal
                                                                                               CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                            (703)486-2347
                                                                                                                                                                                                                                                                                                                                                                           SEQUENCE CHARACTERISTICS:
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Matches 8; Conservative
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INFORMATION FOR SEQ ID NO:
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COMPUTER READABLE FORM:
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                                       COMPUTER: IBM PC operating system:
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                                                                                                                                                              CLASSIFICATION:
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                 MEDIUM LYPE:
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                                                                              SOFTWARE:
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TILE OF INVENTION: METHODS AND PRODUCTS FOR THE SYNTHESTS
TILLE OF INVENTION: OF OLIGOSACCHARIDE STRUCTURES, ON GLYCOPPOTEINS,
TITLE OF INVENTION: GLYCOLIPIUS, OR AS FREE MOLECULES, AND FOR THE ISOLATION
TITLE OF INVENTION: OF CLONED GENETIC SEQUENCES THAT DELEMBINE THESE SIRUCTU
NUMBER OF SEQUENCES: 14
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                                                                                                                  69.9%; Score 39; DB 1; Length 405; 66.7%; Pred. No. 28;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ADDRESSEE: OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT,
ADDRESSEE: P.C.
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                                                                                                                                                           2; Mismatches
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APPLICATION NUMBER: US 08/220,433
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/393, 246
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NAME: Lavalleye, Jean-Paul M. P. REGISTRATION NUMBER: 31,451
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                                                                                                                                                                                                                                                                                                                                   Sequence 8, Application US/08393246 Patent No. 5595900
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Matches 8, Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  FILING DATE: 20-JUL-1992
ATTORNEY/AGENT INFORMATION:
LENGTH: 405 amino acids
TYPE: AMINO ACID
TOPOLOGY: unknown
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       405 amino acids
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Hest Local Similarity 60.00
From 8; Conservative
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
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                                               MOLECULE TYPE: protein US-07-914-281-8
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MOLECULE TYPE, protein
US-08-393-246-8
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FILING DATE: 20-JUL
                                                                                                                                                                                                                                   136 EEVDLRVLDYEE 147
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                                                                                                                                                                                                                                                                                                                                                                        GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                   US-08-393-246-8
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US/08/483,151

.807-0 .07-JUN-1995 N: 530

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REGISTRATION NUMBER: 35,238
PEFERENTEZDOMYET NUMBER: 00785/278001
                                                                                                                                                 TELECOMMUNICATION INFORMATION: TELEPHONE: 617/542-5070
                                                                          ATTORNEY/AGENT INFORMATION:
CURRENT APPLICATION DATA:
                                                                                                                                                       LECOMO...
TELEPHONE: 617/2...
TELEPHONE: 617/542-8906
                                                                                              NAME: Lech, Karen F.
REGISTRATION NUMBER:
                     APPLICATION NUMBER:
                                                       CLASSIFICATION:
                                   FILING DAIE:
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                                                                                                        METHORS AND PRODUCTS FOR THE SYNTHESTS OF OLIGOSANCHARIDE STRUCTUPES ON ALYPHOPMETINS, OF AS FREE MOLECULES, AND FOR THE ISOLATION OF CLONED GENERIC SEQUENCES THAT DETERMINE THESE STRUCTUPES
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                                                                                                                                                                                                                        2: OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C.
1755 Jefferson Davis Highway, Fourth Floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Holgersson, Jan
TITLE OF INVENTION: FUCUSYLTRANSFRASE GENES AND USES THEREOF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             60.0%, Spare 39, DB 1, Length 405, 66.7%, Pred. No. 28;
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SOFTWARE: PatentIn Release #1 0, Version #1 30
                                                                                                                                                                                                                                                                                                                                                                                                                 Patentia Release #1.0, Version #1.25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 2; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ATTORNEY AGENT INFORMATION:
NAME: Lavalleye, Jean-Paul M. P.
REGISTATION NUMBER: 31,451
REFERENCE/DOCKET NUMBER - 2363-060-55
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER: US/08/525,058A
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225 Franklin Street
                                                                                                                                                                                                                                                                                                                                                                          COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS
                                     Sequence 8, Application US/08525058A Patent No. 5770420
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 4, Application US/08483151
Patent No. 5858752
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ZIP: 02110-2804
COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                    COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      (703)521-4500
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Best Local Similarity 66 78;
Matches 8; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 405 amino acids
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                                                                                                                                                                                     NUMBER OF SEQUENCES: 23
                                                                                          TOHN B
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            435
                                                                                                                                                                                                      CORPESPONDENCE ADDRESS:
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                                                                                                        TITLE OF INVENTION:
                                                                                                                                               TITLE OF INVENTION:
TITLE OF INVENTION:
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                                                                                                                                                                                                                                                             Arlington
                                                                        GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                 Virginia
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                                                                                          LOWE,
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             US-08-525-058A-8
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                                                                                          APPLICANT:
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RESULT 5
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METHODS AND PRODUCTS FOR THE SYNTHESIS
OF GLINGSANCHAPILE SIRUCIUFES ON GLYCGEROTEINS,
GLYCOLLPIDS, OR AS FREE MOLECULES, AND FOR THE ISOLATION
OF CLONED GENETIC SEQUENCES THAT DETERMINE THESE SIRUCTU
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                                                                                                                                                                                                                                 60.0%; Score 39; DB 2; Length 405; 66.7%, inted. No. 28;
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                                                                                                                                                                                                                                                                              Indels
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1755 Jefferson Davis Highway, Fourth Floor
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OPERATING SYSTEM: PC-DOS/MS-NOS
SOFTWARE: Patenin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                        2; Mismatches
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TELECOMMUNICATION INFORMATION:
TELEPHONE: (703)521-4500
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14-AUG-1996
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; Patent No. 5955347
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                                                                                                                               not relevant
TELEX: 617/542-8906
TELEX: 200154
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTEPISTICS:
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APPLICATION NUMBER. US 07
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                                                                                    LENGTH: 405 amino acids
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248855 OPAT UR
                                                                                                                                                                                                                                                  Bost Local Similarity 66.7
Matches 8: Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TITLE OF INVENTION: METITILE OF INVENTION: OF CITTLE OF INVENTION: GLY ITTLE OF INVENTION: OF CORRESPONDENCE ADDRESS: 14
                                                                                                                                                                    MOLECULE TYPE: protein
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COMPUTER READABLE FORM:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICATION NUMBER:
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                                                                                                            amino acid
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US-09-006-428A-6
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LENGTH: 62
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                                                                               RESULT 9
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TITLE OF INVENTION: OF OLIGOSACCHARIDE STRUCTURES ON GLYCOPHORY.
TITLE OF INVENTION: GLYCOLIPIDS, OR AS FREE MOLECULES, AND FOR THE ISOLATION
TITLE OF INVENTION: OF CLANED GENETIC SPOIFFURES THAT DETERMINE THESE STRUCTU
                                                                                                                                                                                                Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      0; Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Amatch 60.0%; Score 39; DB 4; Length 405, tocal cimilarity 66.7%; Prod 4: 29. 29. St. Conservative 2; Mismatches 2; Indels
                                                                                                                                                         60.0%; Score 19; DB 2; Length 405;
                                                                                                                                                                                              2, Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1755 Jefferson Davis Highway, Fourth Floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS SOPTWARE: patentin Release #1.0, Version #1.25 CURRENT APPLICATION DATA:
                                                                                                                                                                                              2; Mismatches
                                                                                                                                                                         Pred. No. 28;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NAME: Lavalleye, Jean-Paul M. P. RELISTARION NUMBER: 3,451
REPERENCE/POCKEL NUMBER: 2363-060-55
TELECOMMUNICATION:
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APPLICATION NUMBER: USZÓBYSÁK, 24M
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Patent No. 6268193
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TELEX: 248855 OPAT UR
INFORMATION FOR SEQ ID NO: 8:
                                                                                                                                                                       66.78;
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ATTORNEY/AGENT INFORMATION:
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                                        405 amino acids
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LENGTH: 405 amino acids
                                                                                                                                                                                              8; Conservative
INFORMATION FOR SECTION NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                 LOWE, JOHN B.
                  SEQUENCE CHARACIERISTICS:
                                                                       ToPoLoGY: unknown
MolECULE PYPE: protein
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Mollecule TYPE: protein
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CORRESPONDENCE ADDRESS:
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FILING DATE: 30-MAR
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                                                                                                                                                                                                                                                                       136 EEVDLRVLDYEE 147
                                                                                                                                                                                                                                  Z EELMLRLODYEE 13
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                                                           amino acid
                                                                                                                                                                     Best Local Similarity
Matches 8; Conserva
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CITY: Arlington
STATE: Virginia
                                                                                                                                                                                                                                                                                                                                                                                                            GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COUNTRY: U.S.A. 21P: 22202
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       MEDIUM TYPE:
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                                                                                                                US-08-696-731-8
                                                                                                                                                                                                                                                                                                                                                     US-09-042-531 8
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                                      LENGTH:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               56.9%; Score 37; DB 4; Length 64; 58.3%; Pred; No. 8.6;
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                                                                                                                                           APPLICANT: Ellis L. Keinherz
TILLE OF INVENTION: CLÖNING AND CHARACHERIZATION OF A
TITLE OF INVENTION: CACAIS-LIKE ADAPTOR PROTEIN (CD2BP1)
FILE REPERVES: 1062-1020-000
CURRENT APPLICATION NUMBER: US/05/2005,428A
CURRENT FILING DATE: 1998-01-13
SOFTWANE: FastSNG for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: ELLIS L. Reinherz
TITLE OF INVENTION: CLONING AND CHARACTERIZATION OF A
TITLE OF INVENTION: CAGIS-LIKE ADAPTOR PROTEIN (CD2BPI)
FILE PPEPEP N°E. ION, IONAL PROTEIN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Pred. No. 8.6;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CURRENT APPLICATION NUMBER: US/09/006.428A CURRENT FILLING DATE: 1998-01-13 NUMBER OF SEQ ID NOS: 28 SOFTWAKE: FastSEQ IOF Windows Version 4.0
Sequence 6, Application US/USGU6428A
Patent No. 6444439
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ; Sequence 7, Application US/09006428A
; Patent No. 6444439
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/ Fatent No. 6127520
                                                                    APPLICANT: Jing Li
AFPLICANT: Kazuhisa Mishizawa
APPLICANT: Wengian An
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APPLICANT: Jing Li
APPLICANT: Kazubisa Nishizawa
APPLICANT: Wengian An
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APPLICANT: Ozkan, Eric D.
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Matches 7; Conservative
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Matches 7; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                         ORGANISM: Homo sapiens
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MHITE, PETER JOHN
LOWE, CHRISTOPHER ROHIN
MUNRAY, JAMES AUGUSTUS HENRY
TITLE OF INVENTION: ENZYME ASSAY FOR MUTANT FIREFLY LUCIFERASE
                                                                                                                                                                                                                                                                                                                                       0:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER: IBM PC_COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25 (EPO)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match 56.2%; Score 36.5; DB 4; Length 547; Best Local Similarity 69.2%; Pred, No. le.02; Mismatches 5, Conservative 2, Mismatches 1, indeis 1
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                                                                                                                                                                                                                                                                                                                                  2; Indels
                                                                                                                                                                                                                                                                                      56.9%, Shore 37, 194.3,
58.3%, Pred. No. 26+02;
tive 3, Mismatches
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APPLICATION NUMBER: US/09/380,061B
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER: GB 9707468.8
FILING DATE: 11-APR-1997
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REFERENCE/DOCKET NUMBER: 124-725
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SEQUENCE DESCRIPTION: SEC ID NO: 20:
  **REFERENCE/DOCKET NUMBER: UM-02786 TELECOMMUNICALION: INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 US-09-380-061B-20
; Sequence 20, Application HS/093RQ061B
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      FILING DATE: 25-Aug-1999
CLASSIFICATION: <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TELEPHONE: (703)816-4000
TELEPAX: (703)816-4100
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            FILING DATE: 7-APR-1998
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  LENGIH: 547 amino acids
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      INFORMATION FOR SEQ ID NO: 20: SEQUENCE CHARACTERISTICS:
                                       TELEPHONE: (415) 705-8410
TELEFAX: (415) 397-8338
INFORMATION FOR SEQ ID NO: 5:
                                                                                                                                                                               not relevant
                                                                                                           SEQUENCE CHARACIERISTICS:
LENGTH: 1200 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NAME: SADOFF, B. U.
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COMPUTER READABLE FORM:
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                                                                                                                                                                                                                                                                                                             Best Local Similarity 58.3°
Matches 7; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CITY: ARLINGTON STATE: VIRGINIA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COUNTRY: U.S.A.
                                                                                                                                                                                             TOPULKSY: linear
MOLECULE TYPE: peptide
                                                                                                                                                                                                                                                                                                                                                                                                                         969 KELVLALYDYOF 980
                                                                                                                                                                                                                                                                                                                                                                                 2 FELMLRLODYEE 13
                                                                                                                                                       TYPE: amino acid STRANDEDNESS: not
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ; Patent No. 6265177
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                                                                                                                                                                                                                                              US-08-840-006-5
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                     Inhibition of Neurotransmitter Uptake Of Synaptic Vesicles
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ó
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Pred. No. 1.9e+02;
3; Mismatches 2, indels
TITLE OF INVENTION: Compositions And Methods For The
                                                                                                                                                                                                                                                                                                    SOFTWARE: Patentin Release #1.0 Vorsion #1 co
CUPPENT APPLICATION DAIA:
APPLICATION NUMBER: US/08/840.006
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SOFTWARE: Patentin Release #1.0, Version #1.30 CURRENI APPLICATION DATA: APPLICATION NUMBER: US/08/840.006
                                                                             ADDRESSE: Medlen & Carroll, List
STREET: 220 Montgomery Street, Suite 2260
CLTY: San Francisco
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ADDRESSER: Medion & Carroll, LLP
SIPEET: 229 Modidomery Street, Stite 2200
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          UM-02786
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. United States of America
                                                                                                                                                                          Moited States of America
                                                                                                                                                                                                                                            MEDIUM TYPE: Floppy disk
COMPUTER: 18M PC compatible
OPERATING SYSTEM: PC-DOS/MS-DGS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     OPERATING SYSTEM: PC-DOS/MS-DOS
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Patent No. 6127520
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: amino acid
STRANDEDNESS: not relevant
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELEFAX: (415) 397-8338
INFORMATION FOR SEQ ID NO: 6:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match
Best Local Similarity 58.3%;
Matches 7; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               1151 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                           NAME: Carroll, Peter G. REGISTRATION NUMBER: 32
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Carroll, Peter G.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     SEQUENCE CHARACTERISTICS:
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                                                            CORRESPONDENCE ADDRESS:
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CORRESPONDENCE ADDRESS:
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                                          NUMBER OF SECUENCES:
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                     LITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Linear
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                                                                                                                                                                                                                                                                                                                                                                                                 CLASSIFICATION:
                                                                                                                                                                                                                                       MEDIUM TYPE:
                                                                                                                                                                                                                                                                                                                                                                              FILLING DATE:
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                                                                                                                                                                                             94104
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US-08-840-006-5
                                                                                                                                                                          COUNTRY
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               LENGIH:
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REFERENCE TOOCKER 1 345
REFERENCE TOOCKER 1 345
TELECOMMUNICATION INFORMATION:
TELEPHONE: 608-831-2100
                                                                                                                                                     30,492
                                                                                                                                                                                                                           TELEFAX: 608-831-2106
INFORMATION FOR SEQ ID NO: 4:
                                                                                                            ATTORNEY/AGENT INFORMATION:
NAME: Sara, Charles S.
REGISTRATION NUMBER: 30,4
                                                                                                                                                                                                                                                                                  550 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                            Best Local Similarity 69.2
Matches 9; Conservative
                                                                                                                                                                                                                         608-831-2106
                                                                                                                                                                                                                                                                SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                       TOPOLOGY: linear MOLECULE IYPE: protein
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1 KEELMIR-LODYE 12
   OPERATING SYSTEM:
                                                                                                                                                                                                                                                                                                     amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Job time : 14.3714 secs
                                                                                           CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                     TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                          US-08-354-240A-4
                                                                                                                                                                                                                                                                                    LENGTH:
                                                                                                                                                                                                                                                                                                                                                                                              Query Match
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69.2%; Pred. No. 1e+02;
live 2; Mismatches 1; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                   SOFTWARE: Patentin Release #1.0, Version #1.30 CURRENI APPLICATION DAIA:
                                                                                                                                                                                                                                                                              B000 Excelsior Drive, Suite 401
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           E: DeWill Ross & Stevens, S.C.
8000 Excelsior Drive, Suite 401
                                                                                                                                                             GENERAL INFORMATION:
APPLICANT: Shert, Bruce A.
APPLICANT: Wood, Keith V.
ATTLE OF INVENTION: MODIFIED LUCIFERASE NUMBER OF SEQUENCES: 20
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Shert, Bruce A.
APPLICANT: Wood, Keith V.
HILLE OF INVENTION: MODIFIED LUCIFERASE
HIMBER OF SEQUENCES: 20
CORRESPONDENCE ADDRESS:
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....enER: US/OR/254_240A
12-DEC:1994
N: 435
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TELESOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                            Sequence 2, Application US/08354240A
Patent No. 5670356
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 4, Application US/08354240A Patent No. 5670356
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               30,492
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                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
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NAME: Sala, Charles S.
REGISTRATION NUMBER: 30,4
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MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       608-831-2100
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELEPHONE: 608-831-210
TELEFAX: 608-831-2106
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Best Local Similarity 69.2
Matches 9; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            MolECULE TYPE: protein
                     :111 || ||111:
269 FRELFLRSLQDYK 281
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1 KRELMLR LODYE 12
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54717-1914
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   FILING DATE: 12
CLASSIFICATION:
                                                                                                                                                                                                                                                                                                               Madison
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                                                                                                        US-08-454 240A-2
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                                                                                           RESULT 14
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Gaps
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69.2%; Pred. No. 1e+62;
Live 2; Mismatches 1: Indels 1
                                        SOFTWARE Patentin Release #1.0, Version #1.30 CURRENY Publication Data 10.5/08/344,240A FILING DATE: 12-DEC-1994
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Search completed: January 16, 2003, 16:59:12
                                                                                                                                                                                                                                34506.029
IBM PC compatible
SYSTEM: PC-DOS/MS-DOS
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